Project Introduction

NASA captures and distributes operational knowledge in the form of procedures. These procedures are created and accessed by a range of people performing many different jobs. These people have different needs for procedure data and different ways of interacting with procedures. We propose an Procedure Integrated Development Environment which will present different editing modes and different views depending on the users and tasks, but will use a consistent data representation for all users. We propose to connect the editing environment to other tools and systems that are useful to procedure development, including recon databases and verification tools. We propose to build this environment on the basis of an existing prototype, PRIDE, which was developed for the Engineering Directorate of Johnson Space Center.

Primary U.S. Work Locations and Key Partners

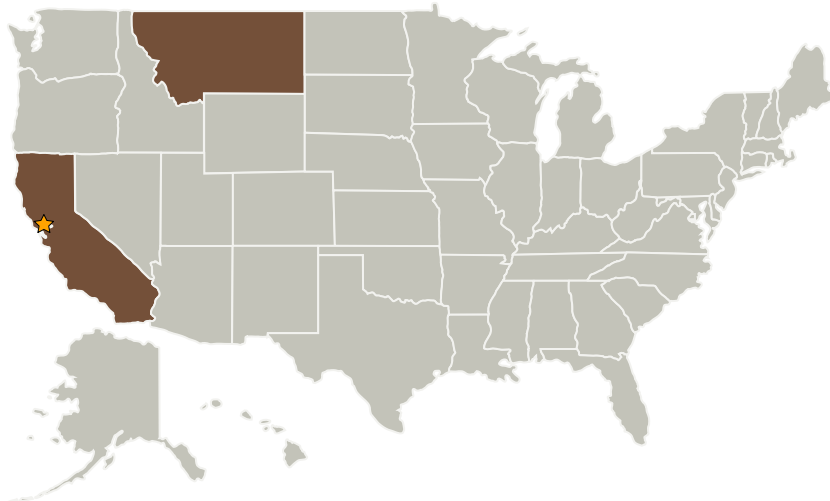Procedure Integrated Development Environment (PRIDE), Phase II

Table of Contents

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Ames Research Center (ARC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Organizations Performing Work	Role	Type	Location
⭐Ames Research Center(ARC)	Lead Organization	NASA Center	Moffett Field, California
S&K Aerospace, Inc.	Supporting Organization	Industry Small Disadvantaged Business (SDB)	St Ignatius, Montana

Primary U.S. Work Locations	
California	Montana

Project Transitions

▶ **February 2009:** Project Start

✔ **May 2011:** Closed out

Project Management

Program Director:
Jason L Kessler

Program Manager:
Carlos Torrez

Technology Areas

Primary:

- TX11 Software, Modeling, Simulation, and Information Processing
  └ TX11.1 Software Development, Engineering, and Integrity
    └ TX11.1.5 Architecture and Design of Software systems

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Page 2